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CENTRAL INTELLIGENCE AGENCY  
Office of the Chief, Economic Research  
Office of Research and Reports

Project No. 30.1646  
Date: 29 October 1956

Attachment 1 to Project Action Memorandum 30.1646 dated 16 October 1956.

TITLE: Economic Aspects of Soviet Nuclear Energy Program

REQUESTER: ONE Through JAEIC

TERMS OF REFERENCE:

Reference memorandum - from Chairman JAEIC to Assistant Director for Research and Reports, Subject: "Development and Production of Economic Intelligence for NIE 11-2-57\* and Subsequent Estimates", dated 15 October 1956.

1. The reference memorandum requests ORR to prepare economic intelligence studies of certain commodities and industries of the USSR by December 1956 to assist JAEIC in the preparation of the 1957 estimate of the Soviet atomic energy program. These areas of study include:

<u>Subject of Study</u>	<u>Responsible Branch</u>
Hydrofluoric acid	M/CH
Nickel Powder	M/FM
Mercury	M/NF
Graphite	M/NF
Compressors )	I/CM, I/TH, I/EE, I/SH
Converters )	
Electric Motors	I/EE
Power-factor Capacitors	I/EE
Concrete and Structural Steel	M/FM, S/CST
Electric Power - Angara Region	M/EP
Industrial Labor Force	A/U
AE Finance	

2. The general terms of reference for these studies are outlined in the following paragraphs.

a. General

As a minimum requirement all contributors should provide a general description of the status of the subject commodity or industry during the period 1946-56 and the outlook through 1960. This should include:

\* NIE 11-2-57 is the incorrect number and refers to a subject other than atomic energy. The number of the atomic energy NIE will be assigned by ONE in the near future.

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(1) A statement of the status of technology as evidenced by USSR accomplishments and literature;

(2) A general discussion of any plan and plan fulfillment data that may be available;

(3) A general statement of volume of output and the share of total production which would be expected to be absorbed by non-atomic energy part of the economy.

b. Specific Economic Data

In addition to the above minimum, the following items should be presented as fully as data and research time permit.

(1) Estimates of total annual production between 1946-60. If available, include regional distribution of the centers of production. Estimates may be in physical terms, value terms or a combination of both.

(2) Estimates of the use pattern of the commodity by principle consumers. If possible apply to the years 1946, 1950, 1953, 1955 and 1960. A regional use pattern should be prepared if possible.

(3) Estimates of quantities of commodities going to atomic energy installations or consumers.

(4) Qualitative evaluation of the impact of the principal atomic energy uses (as discussed in (3) above) upon the major suppliers of the commodities.

c. Special Subjects

Specific terms of reference for industrial manpower, regional analysis of electric power and financial analysis cannot be prepared at this time. Following detailed discussions with the responsible analysts specific terms will be established.

3. In order to insure consistency of approach and to provide specific guidance and coordination, the various commodities to be studied will be divided into two groups with a project analyst for each group. Questions as to the substance to be included should be directed to the responsible analyst.

Group I

analyst: [REDACTED]

I/SH, I/AM, I/TH, I/EE, I/EP, M/CH

Group II

analyst: [REDACTED]

M/TH, M/NF, S/CST, A/U

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4. Contributions from the contributing branches are due to the project analyst by 3 December 1956. This project has a very high priority; if it conflicts with any other scheduled project, St/PR should be informed.

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5. This attachment amends Project Action Memorandum dated 16 October 1956 to include S/CST and I/TH as contributors to this project. Estimated man-hours for each branch — 50.

CONCURRENCE:

H.C. D/A  
[Signature] D/I  
[Signature] D/M  
[Signature] D/S  
[Signature] St/PR  
E. R. Ch/E

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Approved For Release 2001/03/02 : CIA-RDP61S00137A000100140040-1

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18 October 1956

MEMORANDUM FOR: All Division and Staff Chiefs  
Economic Research Area, ORR

SUBJECT: Liaison with NED/OSI and Coordination of ERA  
Economic Intelligence Production on the Soviet  
Nuclear Energy Industry

REFERENCE: Memorandum from Chairman, JAEIC, to AD/RR, dated  
15 October 1956, Subject: Development and Pro-  
duction of Economic Intelligence for NIE 11-2-57  
and Subsequent Estimates

1. The responsibilities for (a) coordinating economic intelli-  
gence research conducted within ERA in support of the referenced  
JAEIC estimates of Soviet nuclear energy capabilities, and (b) pro-  
viding a central point of control within ERA for necessary contacts  
and relations with NED/OSI, are hereby assigned [REDACTED]

[REDACTED] Deputy Chief, Industrial Division, in addition to his  
other duties.

2. An ad hoc group will be set up by [REDACTED] composed  
of "Q" cleared analysts as well as appropriate supervisory per-  
sonnel, to provide guidance in the planning and execution of  
pertinent ERA research, to exchange information and ideas as the  
program develops, and to assist analysts in obtaining necessary  
materials from NED/OSI and the Atomic Energy Commission.

3. ERA analysts are requested to make initial contacts with  
NED/OSI through [REDACTED], and to keep him informed of subse-  
quent progress. In the event analysts receive requests for  
assistance directly from NED/OSI, such requests should be coordinated  
with [REDACTED] prior to the initiation of research. Such requests  
will also be subject to the approval of supervisory echelons, as  
required by existing procedures.

[REDACTED]  
Chief, Economic Research

Enclosure: (1)  
Referenced Memorandum } not attached

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Office of the Chief, Economic Research  
Office of Research and ReportsProject Action MemorandumProject No. 30.1646  
Date: 16 October 1956

TITLE: Economic Aspects of Soviet Nuclear Energy Program

REQUESTER: ONE Through JAEIC

STATEMENT OF THE PROBLEM AND TERMS OF REFERENCE:

Problem: To provide support as required to the Joint Atomic Energy Intelligence Committee on the economic aspects of Soviet Bloc atomic energy activities for NIE 11-2-57.

Terms of Reference: To be furnished by JAEIC. Contributions will be forwarded through D/I to JAEIC who in turn will forward ERA contributions to ONE. This project will use all-source material and will probably contain RESTRICTED DATA materials.

RESPONSIBILITY:

	<u>Man-hours</u>	<u>Due Dates</u>	<u>Concurrence (Initials)</u>
Action Division:	D/I	1 Feb 57	<u>EWP</u>
Branches:	I/ME 300		
	I/EE 50		
	I/MM 50		
Contributing Divisions:	D/M	As required	<u>AW</u>
Branches:	M/CH 50	by Action Div.	<u>C</u>
	M/FM 50		
	M/NF 50		
	M/EP 50		
	D/A		<u>RVC</u>
	A/U 50		

Staff:

St/PR

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Principal Analysts:

x 3803

Project Monitor:

x 2345 25X1A9a

This project may delay other currently scheduled projects but the delay in specific projects cannot be ascertained until precise terms of reference are established. This project will supersede and cancel Project No. 10.1504, "The Soviet Nuclear Energy Program."

APPROVED Efa Ch/ES-E-C-R-E-T

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